

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| S1 | 2 | "US 20070108944" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/04/11 18:01 |
| S3 | 4393977 | motor power adj tool battery charger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 19:47 |
| S4 | 624 | motor power adj tool battery charger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/13 19:47 |
| S5 | 0 | "320"/\$ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/13 19:47 |
| S6 | 17861 | "320"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/13 19:47 |
| S7 | 0 | S4 S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/13 19:48 |
| S12 | 2 | ("6087815").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/21 18:32 |
| S13 | 21 | ("1530342" "3274476" "3308419" "3828201" "3919615" "4300087" "4389704" "4524412" "4578772" "4675538" "4748344" "5019767" "5021727" "5211321" "5450003" "5587916" "5656876" "5808884").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/21 20:11 |
| S14 | 13 | ("6087815").URPN. | USPAT | OR | ON | 2009/04/21 20:14 |

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| S15 | 57 | ("20010035736" "20010053313" "20020085403" "20030058638" "20030066666" "20030090162" "20030102346" "20030121682" "20030160075" "20030213829" "20040050887" "20040089689" "20040121224" "20040140336" "20040206522" "20040226174" "20050058893" "20050078303" "20050082920" "20050111214" "20050115724" "20050133552" "20050152131" "20050153596" "20050161305" "20050200087" "20050218182" "20050223902" "3919615" "4677362" "4779687" "4827534" "4966321" "5095259" "5211321" "5562240" "5810232" "5929597" "6016944" "6065658" "6087815" "6106971" "6155471" "6188228" "6211662" "6301997" "6490186" "6501197" "6502949" "6641107" "6688407" "6720949" "6729743" "6851487" "6926473" "6939641" "7015675").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/21 20:23 |
| S16 | 18 | ((("5,217,395") or ("5,993,240") or ("6,501,197") or ("6,536,536") or ("6,616,300") or ("4,876,490") or ("6,260,978") or ("6,106,971") or ("200510153596")).PN. or (2001/0035736).CCLS. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/21 20:38 |
| S17 | 631 | motor power adj tool battery charger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/21 20:44 |
| S18 | 17911 | "320"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/21 20:44 |
| S19 | 235 | S17 S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/21 20:44 |
| S20 | 631 | motor power adj tool battery charger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/22 16:31 |

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| S21 | 17911 | "320"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/22 16:31 |
| S22 | 235 | S20 S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/22 16:31 |
| S23 | 95 | S22 lithium | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/22 16:31 |
| S24 | 13 | ("6229280").URPN. | USPAT | OR | ON | 2009/04/25 13:41 |
| S25 | 1 | charger battery terminal voltage measur\$5 detect\$4 near live adj connect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/25 15:44 |
| S26 | 1 | charger battery terminal voltage measur\$5 detect\$4 near live near connect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/25 15:44 |
| S27 | 0 | charger battery terminal voltage measur\$5 detect\$4 near hot adj (plug or connect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/25 15:46 |
| S28 | 0 | charger battery terminal voltage measur\$5 detect\$4 near onnect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/25 15:46 |
| S29 | 505 | charger battery terminal voltage measur\$5 detect\$4 near connect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/25 15:46 |

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| S30 | 41 | charger battery terminal voltage measur\$5 detect\$4 near connect\$4 lithium\$ion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/04/25 15:48 |
| S31 | 4 | ((("5929597") or ("6268710"))).PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/25 15:56 |
| S32 | 0 | (battery or cell) near deteriorat\$3 with (loss near capacity and increase near spontaneous near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 18:25 |
| S33 | 0 | (battery or cell) near deteriorat\$3 same (loss near capacity and increase near spontaneous near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 18:26 |
| S34 | 0 | (battery or cell) near deteriorat\$3 same (loss near capacity and increase with spontaneous near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 18:26 |
| S35 | 1 | (battery or cell) near deteriorat\$3 and (loss near capacity and increase with spontaneous near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 18:26 |
| S36 | 7 | (battery or cell) near deteriorat\$3 and (loss near capacity and increase with (spontaneous or self) near discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 18:54 |
| S37 | 5 | (battery or cell) with (deteriorat\$3 and (loss near capacity and increase with (spontaneous or self) near discharge)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 19:24 |
| S38 | 0 | ("2005/0069484").URPN. | USPAT | OR | ON | 2009/11/20 19:27 |
| S39 | 5 | ("4551400" "4605603" "4621034" "4623597" "4637967").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/20 19:27 |

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| S40 | 9 | (battery or cell) same (deteriorat\$3 and (loss near capacity and increase with (spontaneous or self) near discharge)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 19:29 |
| S41 | 29 | (battery or cell) same (deteriorat\$3 and (loss near capacity and increase same (spontaneous or self) near discharge)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 19:31 |
| S42 | 29 | (battery or cell) same (deteriorat\$3 and (loss near capacity and increase same (spontaneous or self) with discharge)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 19:38 |
| S43 | 33 | (battery or cell) same (deteriorat\$3 and (loss with capacity and increase same (spontaneous or self) with discharge)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 19:39 |
| S44 | 4 | S43 not S42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/20 19:39 |
| S52 | 0 | tool with (battery adj pack with (lithium\$ion or lithium adj polymer) and charger) with (over adj (discharg\$3 and charg\$3) near protect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 11:09 |
| S53 | 0 | tool same (battery adj pack with (lithium\$ion or lithium adj polymer) and charger) same (over adj (discharg\$3 and charg\$3) near protect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 11:09 |
| S54 | 10 | tool same (battery adj pack with (lithium\$ion or lithium adj polymer) and charger) and (over adj (discharg\$3 and charg\$3) near protect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 11:10 |
| S55 | 10 | ("20010011881" "20020175656" "20030011345" "20030044689" "20030122527" "5250891" "5617017" "5680027" "5886502" "6051955").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/21 11:15 |

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| S56 | 4 | ("5438250" "5952815" "6208117" "6268710").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/21 11:18 |
| S57 | 2 | ("5,680,027").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/21 21:00 |
| S58 | 0 | ("analogadjdigitaladjconverternearmultiplexe rwithamplif\$3samebatterynearmonitor\$3wit hvoltage").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/21 21:09 |
| S59 | 0 | analog adj digital adj converter near multiplexer with amplif\$3 same battery near monitor\$3 with voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 21:11 |
| S60 | 0 | analog near digital near converter with multiplexer with amplif\$5 same battery near monitor\$3 with voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 21:12 |
| S61 | 2 | analog near digital near converter same multiplexer with amplif\$5 same battery near monitor\$3 with voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 21:12 |
| S62 | 52 | motor power adj tool battery charger internet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 22:38 |
| S63 | 22 | motor power adj tool battery charger cell adj balanc\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 23:01 |
| S64 | 140 | battery adj pack charger cell adj balanc\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/21 23:02 |

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| S65 | 627 | "320"/112.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/22 00:18 |
| S66 | 2 | ("7227335").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/22 00:27 |
| S67 | 2 | ("20050001625" "6218806").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/22 00:28 |
| S68 | 28 | ("5929597").URPN. | USPAT | OR | ON | 2009/11/22 00:32 |
| S69 | 147 | motor power adj tool battery charger packag\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/22 00:37 |
| S70 | 0 | (2001/052758).CCLS. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/22 00:48 |
| S71 | 4 | ("2001052758").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/22 00:49 |
| S72 | 0 | ("2001052758").PN. | US-PGPUB | OR | OFF | 2009/11/22 00:49 |
| S73 | 1 | ("20010052758").PN. | US-PGPUB | OR | OFF | 2009/11/22 00:49 |
| S74 | 0 | ep1217710 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/22 09:55 |
| S75 | 6109464 | ep "1217710" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/22 09:55 |
| S76 | 8 | ((("2003096158") or ("2002079867")).PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/22 09:59 |

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| S77 | 8 | ((("2003096158") or ("2002079867"))).PN. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | OFF | 2009/11/22 09:59 |
| S78 | 2 | ((("20030096158") or ("20020079867"))).PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/22 10:01 |
| S79 | 4 | ((("20030096158") or ("20020079867"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/11/22 10:03 |
| S80 | 8 | ("20010052758" "20040075417" "20040080298" "20050007068" "5929597" "6242893" "6268710" "6268713").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/22 13:28 |
| S81 | 45 | ((ROGER) near2 (PELLENC)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/22 13:42 |
| S82 | 1 | ("6268710").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/12 17:31 |
| S83 | 0 | power adj tool and (live adj conect\$4 or hot adj plug) near (detect\$3 or sens\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/15 23:31 |
| S84 | 0 | power adj tool and (conect\$4 or hot adj plug) near (detect\$3 or sens\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/15 23:31 |
| S85 | 0 | power adj tool and (conect\$4 or hot adj plug\$4) near (detect\$3 or sens\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/15 23:31 |
| S86 | 1 | ("5808469").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/16 12:05 |

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| S87 | 44 | (US-20070108944-\$ or US-20040095094-\$ or US-20040070369-\$ or US-20030117108-\$ or US-20050069484-\$ or US-20030025482-\$ or US-20020084771-\$ or US-20040160212-\$ or US-20050077878-\$ or US-20010052758-\$ or US-20030096158-\$ or US-20020079867-\$ or US-20070148539-\$).did. or (US-6087815-\$ or US-6495932-\$ or US-6982541-\$ or US-6515451-\$ or US-6329788-\$ or US-6324339-\$ or US-6229280-\$ or US-6104162-\$ or US-6075341-\$ or US-6018227-\$ or US-7238443-\$ or US-7176656-\$ or US-6433517-\$ or US-6268710-\$ or US-5929597-\$ or US-7154255-\$ or US-6895516-\$ or US-4728586-\$ or US-6472847-\$ or US-6388425-\$ or US-5325041-\$ or US-7508171-\$ or US-7417405-\$ or US-5952815-\$ or US-7227335-\$ or US-6891352-\$).did. or (US-6373228-\$ or US-7592773-\$ or US-5808469-\$).did. or (US-3202900-\$ or US-2818543-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/16 13:23 |
| S88 | 0 | ("8shortadjprotect\$5").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/16 13:23 |
| S89 | 0 | S87 short adj protect\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/16 13:23 |
| S90 | 8 | S87 short adj circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/16 13:24 |
| S91 | 560 | battery with (fuse and breaker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/16 13:28 |
| S92 | 2 | battery near (fuse and breaker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/16 13:28 |
| S93 | 3 | ("4188460" "4690879" "5057382").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/16 13:28 |

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| S94 | 172 | battery with (fuse and breaker) short adj circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/16 13:30 |
| S95 | 23 | battery with (fuse and breaker) short adj circuit near protect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/07/16 13:30 |
| S96 | 2 | ("20050001625" "6218806").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/16 13:58 |
| S97 | 17846 | "320"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/16 14:46 |
| S98 | 4 | S97 information near internet | US-PGPUB; USPAT; USOCR | AND | ON | 2010/07/16 14:46 |
| S99 | 122 | S97 information with internet | US-PGPUB; USPAT; USOCR | AND | ON | 2010/07/16 14:47 |
| S10 0 | 4 | S97 charg\$3 adj information with internet | US-PGPUB; USPAT; USOCR | AND | ON | 2010/07/16 14:47 |
| S10 1 | 7 | S97 battery adj information with internet | US-PGPUB; USPAT; USOCR | AND | ON | 2010/07/16 14:48 |

EAST Search History (Interference)

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